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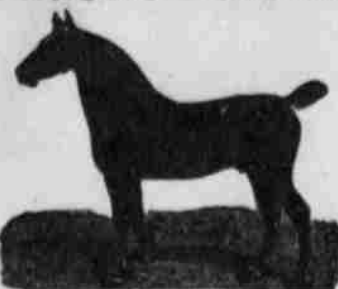
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VETERINARY SCIENCE

Edited by Dr. H. J. Frederick,
State Agricultural College.

VETERINARY INQUIRIES.
Answered By Dr. Frederick.

MANGE OR ITCH AMONG HORSES.

Answer to J. C. Smith

It is highly probable from your description, that your animal is affected with manges. These mites get under the skin and burrow around, causing denuded surfaces. This parasite will live under the skin for a great length of time, also in the stables among the manure, and it is quite difficult to get rid of it without thorough cleaning up. I would advise a disinfectant bath to be applied all over the animal and repeated in about ten to fourteen days. For this purpose you may use a three per cent solution of creso or creolin. Any of the coal tar products that are on the market will answer the purpose. The animal should first be thoroughly scrubbed with soap and warm water to loosen up all loose skin and the scabs, then apply the disinfecting wash thoroughly all over the body. This application will kill all the living insects, and the one to follow in ten to fourteen days will kill all that may have been in the egg stage at the first application. The denuded surface should be painted over with blue ointment.

SALIVARY FISTULA.

Answer to N. P. Fackrell, Black-foot.

It would appear from your description, that your animal has a fistula of one of the ducts that carries the saliva from the gland, where it is manufactured, into the mouth. This gland empties opposite the third upper molar tooth. It sometimes happens that we get a stoppage of this duct, a swelling discharge are the results. An operation would be the only thing indicated and this should only be undertaken by a competent veterinarian. It could be possible that this swelling and discharge is coming from a decayed tooth. I would advise examining the teeth thoroughly and if this is found to be the case, it should be corrected and

I believe your animal will get along alright.

ANSWER TO O. M. POPE.

There is no such disease known as hollow horn. The cavities found in the upper part of the head, are there to give the head fullness and size and extend right up into horn cores. It often happens on dehorning, during cold weather that the delicate lining of these sinuses and cavities become chilled and a wasting takes place. Germs often get in through these openings and an inflammation is set up so that the animal is greatly depressed. I would advise syringing the cavities with a weak solution of creolin or carbolic acid. After having syringed them out thoroughly apply cotton over the opening, and thus keep out the filth, dirt and cold. It will take some time for the animal to overcome this condition, but it you will observe perfect cleanliness and apply the above treatment, I believe all will be well. Where the cotton does not adhere readily to the horn cavity, you may smear a little pine tar around the edge and this will cause the cotton to adhere perfectly.

LUMPY JAW.

Answer to Subscriber. H. T.

From the description you give of your cow, I would infer that she is affected with Actinomyces, or Lumpy Jaw. This is a fungus growth that affects animals and it is usually found in the region of the jaw. It may be taken into the jaw proper from wounds or abrasions or into the mouth with food. I would advise opening the enlargement, giving free drainage to the contents, syringing the same with a solution of strong carbolic acid or creolin and water. Or use zinc chloride in the opening you make. In this connection if it is a valuable animal it is well to use the potassium iodide treatment. Give two drams of potassium iodide per day until the eyes begin to water and the skin becomes scurfy. Then the treatment should be discontinued for a number of days and repeated if necessary. If the

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